



Louisiana COASTLINES

LOUISIANA DEPARTMENT OF NATURAL RESOURCES

DNR Coastal Managers Receive National Award

Three coastal managers of the state's Department of Natural Resources (DNR) were recognized by the Washington D.C.-based program, *Coastal America*, during ceremonies held at the Aquarium of the Americas on Tuesday, September 19, 2000.

Coastal America's chairman Dr. Joseph Wesphal presided over the award's ceremony in New Orleans. Wesphal is also Assistant Secretary of the U.S. Army for Civil Works.

Award recipients were acknowledged for coastal restoration work performed on Breton Island after damage from Hurricane Georges in 1998. DNR Secretary Jack Caldwell said "DNR's Office of Coastal Restoration and Management has proven to be both responsive and

diligent in its work and we are all honored by this special recognition."

Coastal America officials also awarded DNR, along with U.S. Fish and Wildlife Service, the National Marine Fisheries Service, and the U.S. Army Corps of Engineers/New Orleans District for the multi-agency effort in responding to Hurricane Georges' devastating affects on Louisiana. Emergency dredging and habitat restoration were key goals of the agencies in the rebuilding strategy.

Awarded for their individual participation in the Breton Island project are DNR's coastal managers Gregory DuCote, Jeff Harris, and George Boddie.

DuCote serves as Coastal Management's Interagency Affairs program manager. He began work at DNR in 1987. Harris, also a member of the Coastal Management staff, started work at DNR in 1992. Harris is a geologist and is in charge of the Consistency section.

Boddie is a civil and environmental engineer in the Coastal Restoration division. He has worked for DNR for 10 years and serves as head of the division's Engineering section.

Coastal America, established in 1992, addresses critical coastal and environmental problems along the nation's coasts.



Pictured left to right (L-R) are: Dr. Joseph Westphal, Assistant Secretary of the Army for Civil Works, Gregory DuCote (CMD), Jeff Harris (CMD), George Boddie (CRD), Jack Caldwell, Secretary of DNR, and Sam Hamilton, (US Fish and Wildlife Service).



Nautical Charts: useful tools for mariners

The Navigational Chart is one of the most fundamental tools available to the mariner. The Office of Coast Survey (OCS), NOAA, is the nation's official chartmaker and is the oldest U.S. scientific organization dating back to Thomas Jefferson who established the office in 1807 to encourage commerce and support the economy in a safe and efficient manner. The Fishermen's Gear Compensation Fund also requires that locations be submitted on one of these charts if an accurate Loran or Latitude/Longitude reading is unavailable.

Many fishing accidents are caused by human error and occur in remote areas that are poorly charted. Electronic chart systems with accurate data can help fishermen reduce groundings by 80 percent. Besides making navigation safer for commercial fishermen, modernizing NOAA's navigational services will increase their operational efficiency by reducing gear damage and losses from accidents, and will boost their productivity by facilitating their search for fishing grounds.

A Nautical Chart is a graphic portrayal of the marine environment. In addition to providing the most basic elements (a schematic layout of a Coast Survey chart), a chart is a working document used by the mariner both as a "road map" and worksheet and is essential for safe navigation. In conjunction with supplemental navigational aids, it is used to lay out courses and navigate ships by the shortest and most economically safe route. A chart shows the nature and form of the coast, the depths of the water and general

character and configuration of the sea bottom, locations of dangers to navigation, the rise and fall of the tides, locations of man-made aids to navigation, and the characteristics of the earth's magnetism.

Today, nautical charts are used by the Departments of Defense and Transportation, state and local governments, commercial shippers, the fishing industry, and recreational boaters throughout the United States. Navigational Charts and Coast Pilots are integral components necessary for the safety of life and property and safe and efficient navigation while transiting U.S. and territorial waterways. Federal law requires all ships in excess of 1,600 gross tons to have and use current editions of these navigation products. Charts and hydrographic surveys are also used by environmental groups, academia, and coastal zone planners.

Official Nautical Charts of the United States, its Territories and Possession are products of the Office of Coast Survey's Marine Chart Division. This office has developed a "Charting Plan" for chart coverage of priority areas. The Office of Coast Survey also maintains a distributed presence for its customers. Representatives in the field help decide our future activities. They serve as our primary contacts with mariners and help us identify the challenges facing all navigators in general.

The Coast Survey's Marine Chart Division (MCD) produces official nautical charts and related publications for navigation in the



coastal areas of the United States and the Great Lakes. The Nautical Data Branch, a vital component of MCD, acquires and manages all mapping and charting data used in the compilation of nautical charts. The areas of chart coverage include the total area covered by the United States Exclusive Economic Zone (generally the 200-mile seaward limit) which measures over 11,000,000 square kilometers. Available chart coverage is depicted in a set of four catalogs, providing a graphic index of coverage, a list of titles and scale, and a listing of the regional chart sales agents. Alternatively, an on-line chart catalog <http://anchor.ncd.noaa.gov/noaa/noaa.html> is available to assist in identifying charts of interest, or visit Maptech's Mapserver to search and view nautical charts on-line.

Mariners' positioning at sea is always important and often crucial, depending on the particular circumstances. Although the Global Positioning System (GPS) may be the single most significant advance in the history of navigation, LORAN-C is still used by many mariners.

The nautical chart is the most fundamental of navigational tools required for safe passage of waterborne commerce. Charts are available from authorized sales agents located in many U.S. ports or directly from the National Ocean Service Distribution Division. New editions of

charts are issued periodically, but require constant updating due to man-made or natural changes. A Nautical Charting Plan has been developed, identifying chart coverage for priority areas.

However, between editions, charts must be maintained through the application of "Notices to Mariners." Local Notices are available through the Coast Guard Navigation Center in Alexandria, Virginia. NIMA Notices are available through the Marine Navigation Department, National Imagery and Mapping Agency (NIMA). Canadian Notices are available from the Canadian Coast Guard Navigation Services.

In addition, the Office of Coast Survey provides mariners with advanced notification of Critical Chart Corrections identified during chart updating activities. These Critical Chart Corrections are either recently identified hazards to navigation or they are information regarded by Coast Survey as essential for safe navigation, e.g. channel conditions, bridge and cable clearances, and regulatory changes.



Nautical Chart Sales Agents in Louisiana as of September 18, 2000

Abbeville

☐ Shell Morgan's Landing Inc.
25238 Teal Rd.
Abbeville, LA 70510
337-893-1211
☐ Sportsman
1915 S State St.
Abbeville, LA 70510
337-893-0642

Baton Rouge

☐ Baton Rouge Bl Prnt & Sply
207 St. Ferdinand St.
Baton Rouge, LA 70801
225-383-5656
☐ Maps & Printing Unlimited
12245 Jefferson Hwy., Ste. C
Baton Rouge, LA 70816
225-751-1440
☐ West Marine Products 508
8350 N Florida Blvd.
Baton Rouge, LA 70806
225-216-3055

Broussard

☐ Associated Marine & Sply
3906 Hwy. E
Broussard, LA 70518
337-837-2205

Delcambre

☐ Leblanc Oil Co., Inc.
212 N. Richard
Delcambre, LA 70528
337-685-2557

Franklin

☐ Legnon Enterprise Inc.
211 Beacon Ln.
Franklin, LA 70538
337-867-4360

Galliano

☐ Vidrine Office Supply Inc
W. Main & 182nd St.
Galliano, LA 70354
504-632-2163

Harvey

☐ Coastal Marine Distributors
1990 Industrial Blvd.
Harvey, LA 70058
504-341-1414
☐ Marine Svc & Sply Co., Inc.
528 Destrehan Ave.
Harvey, LA 70058
504-340-8601

Houma

☐ Houma Reproduction & Map
Co.
550 S. Van Ave.
Houma, LA 70363
504-879-2443
☐ Marine Education Textbook
124 N. Van Ave.
Houma, LA 70363-5895
504-879-3866

Lafayette

☐ Alex Stirlings Marine Inc.
1724 Gen. Mouton
Lafayette, LA 70508
337-234-6979
☐ Otis Domas Co.
817 W University Ave.
Lafayette, LA 70506
337-235-9007
☐ West Marine Products 514
2668 Johnston St., Ste. B-2
Lafayette, LA 70503-3240
337-231-0000

Lake Charles

☐ Ship To Shore Co.
4313 Lake St.
Lake Charles, LA 70605
337-474-0730

Madisonville

☐ Marina Del Ray
100 Marina Del Ray Blvd.
Madisonville, LA 70447
504-845-4474

Metairie

☐ Boat U S Marine Ctr. #54
7123 Veterans Memorial Blvd.
Metairie, LA 70003
504-780-2170

Metairie

☐ Baker Lyman & Co., Inc.
3220 S I-10 Service Rd., W
Metairie, LA 70001
504-831-3685
☐ Boat U S
7123 Veterans Memorial Blvd.
Metairie, LA 70003
703-823-9550
☐ Boater's World #343
Lafreniere Sq.
6820 Veterans Mem. Blvd.
Metairie, LA 70003
504-456-7395
☐ Horizon Nautical Inc.
2821 Harvard Ave.
Metairie, LA 70006
504-885-3885
☐ Mccurnin Naut Charts Co.
2318 Woodlawn Ave.
Metairie, LA 70001
504-888-4500
E-mail: mcnaut@cmq.com



Morgan City

☐ American Supply Co.
7001 Hwy 90 E.
Morgan City, LA 70381
504-384-3000
☐ Control Fire & Safety Inc.
822 Front St.
Morgan City, LA 70380
504-385-0871
☐ Shannon Hardware Co. Inc.
606 Front St.
Morgan City, LA 70380
504-385-2700
☐ Tideland Gun & Tackle Inc.
6805 Hwy 90 E.
Morgan City, LA 70380
504-384-2724

New Iberia

☐ Mrne Svc & Sply Co. L. L. C.
109 Old Road
New Iberia, LA 70560
504-340-8601

New Orleans

☐ Fishermans Net & Supply
Co.
4540 Downman Rd.
New Orleans, LA 70126
504-244-8767
☐ J L Schubert Mrne Sls & Svc
126 S Roadway
W. End Park
New Orleans, LA 70124
504-282-8136

New Orleans (cont'd)

☐ Sintes Boat Works-Sea
Chest
7385 W. Roadway
New Orleans, LA 70124
504-288-1250
E-mail: 1sintes@aol.com
☐ West Marine Products 054
827 Harrison Ave.
New Orleans, LA 70124
504-482-5090

Shreveport

☐ Construction Safety Prod-
ucts Inc.
359 Mt Zion Rd.
Shreveport, LA 71106-6565
800-592-6940

Slidell

☐ West Marine Products 530
4036 Pontchartrain Dr.
Slidell, LA 70458
504-649-4777

St Bernard

☐ Nautical-Books.com
1913 Bayou Rd.
St Bernard, LA 70085
504-682-2687

Venice

☐ Ellzey Marine & Hdwe Inc.
Hwy 23 S.
Venice, LA 70091
504-534-2391

CORRECTION

In the Summer 2000 CoastLines, it was reported on page 6 that the Fishermen's Gear Compensation Fund paid a total of 14 claims during the period May 1 through July 31, 2000. The article should have stated that a total of 23 claims were paid. CoastLines regrets this error.



From Cropland to Wetland: How the WRP Works

WRP stands for Wetlands Reserve Program, and for many landowners, it has helped them to protect or restore wetlands on their property. In fact, in Louisiana, there has been over 130,000 acres of land enrolled in the state's Wetlands Reserve Program over the past few years. However, very little acreage was enrolled in the coastal parishes of Louisiana because of the higher costs there. So the Department of Natural Resources (DNR) entered into an agreement to add enough extra money to make it possible for some projects to occur in the Coastal Zone.

How does it work? According to DNR Coastal Management Division Project Manager Rocky Hinds, this voluntary program offers landowners financial incentives for preserving wetlands on private land. The program is administered through DNR and the USDA's Natural Resources Conservation Service.

The Wetlands Reserve Program offers payment based on the agricultural value for wetlands that have been drained and converted to agricultural uses. Eligible lands include farmed wetland cropland, prior converted cropland, farmed wetland pasture, riparian wetland, hydrologically-worked land, and pasture or forested areas.

WRP pays up to 100 percent reimbursement for restoration costs while the landowner retains control and access of the property. Landowners also maintain the right to hunt, fish, crawfish, trap, and

pursue other recreational uses. The contractual agreement is perpetual and in some cases, a 10-year or 30-year easement contract will be offered. To be eligible for WRP, the applicant must have owned the land for 12 months.

Hinds reported one recent success story of the program where 600 acres of poor farmland was converted to intermediate marsh by a landowner in Vermilion Parish. Hinds said that most of the program participants are outside the coastal zone boundaries but this particular project was within the coastal zone. He said some of the ecological values of the program include improved wildlife habitat, enhanced water quality, flood water retention and groundwater protection.

Each year DNR plans to encourage landowners in the Coastal Zone to participate in the WRP by augmenting the USDA funding for that purpose.

If you are interested in **the WRP, want to apply, or have any questions**, please contact the Department of Natural Resources, Office of Coastal Restoration and Management at 1-800-267-4019.



20 Years of Caring for the Coast

The Louisiana Coastal Resources Program (LCRP) now celebrates 20 years since its start, having been established by the State and Local Coastal Resources Management Act of 1978. Developing the program required two years of dedication from members of the Louisiana departments of Transportation and Development and Wildlife and Fisheries, the Louisiana Coastal Commission, and the National Oceanic and Atmospheric Administration (NOAA). The process was arduous and frequently controversial, especially the development of the Coastal Use Guidelines. However, the program was ultimately approved by the Coastal Commission. After NOAA's final acceptance, a federally-approved coastal management program was underway in Louisiana.

The seriousness of the coastal erosion problem first came into public focus during the development of LCRP, and much of the early research on coastal erosion was sponsored by LCRP. As a result, many of the policies of LCRP were directed at combating coastal erosion. In fact, the original plan contained elements, which over a period of about ten years, evolved into the Louisiana Coastal Restoration Program. Another program that was an offspring of LCRP was the Natural Heritage Program; it is now being operated as a part of the Louisiana Department of Wildlife and Fisheries.

LCRP's primary goal is to preserve, restore, and enhance our state's valuable coastal resources with emphasis on the benefits to coastal stakeholders. In pursuit of the program's objectives, in October 1980, the first Coastal Use Permit (CUP) application was received and the permitting process began. The CUP process was established to make certain that all activity affecting the Coastal Zone (such as a project that involves either dredging or filling) was performed in accordance with guidelines established for the program.

Lastly, the coastal parishes deserve recognition for their role in the development of LCRP. Local participation during the formative stages has resulted in a program that has stood the test of time. Eleven of the twenty-three original members of the Coastal Commission were parish representatives. John Uhl of Jefferson Parish, and Henry Rodriguez, Jr. of St. Bernard Parish were members then and are active in coastal zone management today.

FACTS OF INTEREST:

- There are 7,721 miles or 5.8 million acres of Louisiana coastline.
- The population of the Coastal Zone is 2,044,880.



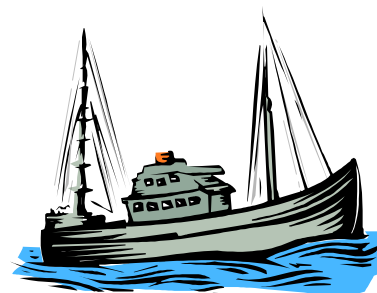
Loran Coordinates For August 1 - October 31, 2000

In accordance with the provisions of R.S. 56:700.1 et. seq., notice is given that 24 claims in the amount of \$76,491.71 were received for payment during the period August 1, 2000 - October 31, 2000. There were 21 claims paid and three claims denied.

A list of claimants and amounts paid can be obtained from Verlie Wims, Administrator, Fishermen's Gear Compensation Fund, P.O. Box 94396, Baton Rouge, LA 70804 or you can call (225)342-0122.

Latitude/Longitude Coordinates of reported underwater obstructions are:

| | | |
|-----------|-----------|--------------------|
| 29 05.460 | 89 21.000 | Plaquemines Parish |
| 29 07.960 | 90 55.670 | Terrebonne Parish |
| 29 16.936 | 89 57.242 | Jefferson Parish |
| 29 21.910 | 89 58.773 | Jefferson Parish |
| 29 24.430 | 89 54.630 | Jefferson Parish |
| 29 26.730 | 91 57.720 | Iberia Parish |
| 29 27.940 | 91 57.610 | Vermilion Parish |
| 29 30.952 | 90 04.640 | Jefferson Parish |
| 29 37.058 | 89 33.624 | St. Bernard Parish |
| 29 38.512 | 90 10.036 | Jefferson Parish |
| 29 38.867 | 90 05.358 | Jefferson Parish |
| 29 40.490 | 91 59.100 | Iberia Parish |
| 29 46.888 | 89 33.314 | St. Bernard Parish |



Loran Coordinates of reported underwater obstructions are:

| | | |
|-------|-------|--------------------|
| 26687 | 46979 | Cameron Parish |
| 26828 | 46974 | Vermilion Parish |
| 27837 | 46865 | Terrebonne Parish |
| 28569 | 46893 | Jefferson Parish |
| 29023 | 46912 | Plaquemines Parish |
| 29037 | 46914 | Plaquemines Parish |

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